

ABSTRACT OF THE DISCLOSURE

A wing having a transition region forming a blended, aerodynamic transition between inner and outer regions of the wing. The blended transition region does not include any planform breaks at the leading and trailing edges, 5 where conventional wings would have such planform breaks. This allows the wing to be manufactured without significant forming and/or shot-peening operations to conform the skin of the wing to the planform breaks. Thus, the wing of the present invention can be manufactured with less cost and in less time, and provide even better aerodynamics than conventional aircraft wings.

10 The wing of the present invention is further suitable for use on aircraft or aerospace vehicles, or any airborne vehicle requiring one or more aerodynamic airfoils or wing-like structures.